

Curriculum Vitae

Personal information

First name / Surname **Florian Topf, MSc.**
Address Karl-Marx-Allee 59, 10243 Berlin (Germany)
Mobile +49-152-23899300
E-mails florian.topf@gmail.com

Work experience

Dates	01/09/2023 → present
Occupation or position held	Staff software engineer / Agile master
Main activities and responsibilities	Backend development based on Node.js with Typescript and the functional library Effect. DDD based software architecture using event-sourcing and following the CQRS principle. Services deployed on an IaC based infrastructure on AWS EKS using mainly Apache Kafka, MongoDB and DynamoDB. API development using Auth0 and a federated GraphQL environment serving mobile apps and back-office web apps.
Name and address of employer	JUCR GmbH, Kohlfurter Straße 41-43, 10999 Berlin (Germany)
Dates	15/11/2016 → 31/08/2023
Occupation or position held	Senior software engineer / Architect
Main activities and responsibilities	Development of multi-national marketplace solutions with Node.js in Typescript (Nest.js), PHP (Symfony), Java (Spring), Go and Python on the backend and Typescript (Angular) on the frontend; Leveraging PostgreSQL, BigQuery, Elasticsearch and Pub/Sub; System engineering on Google Cloud Platform with Terraform and Kubernetes on GKE; Continuous integration and deployment with Jenkins.
Name and address of employer	Erento GmbH, Wrangelstraße 100, 10997 Berlin (Germany)
Dates	01/12/2014 → 31/07/2016
Occupation or position held	Lead software engineer / Scrum master
Main activities and responsibilities	Development of a multi-national marketplace solution with PHP (Symfony and Zend), PostgreSQL, Redis, Elasticsearch and RabbitMQ on the backend; Typescript (Angular) on the frontend; Agile software development with Kanban and Scrum; Management of internal JavaScript User group.
Name and address of employer	Rocket Internet SE / Rocket Labs GmbH & Co. KG, Johannisstraße 20, 10117 Berlin (Germany)
Dates	01/05/2011 → 31/10/2014
Occupation or position held	Technical manager / Senior software developer
Main activities and responsibilities	Management tasks at the FP7 Project "IMPEX"; Design and implementation of the project's website with Typo3 and the IMPEX infrastructure, a SOA-oriented data access portal using Scala (Play) and Typescript (AngularJS). Lectures, workshops and computer science related publications.
Name and address of employer	Space Research Institute - Austrian Academy of Sciences, Schmiedlstraße 6, 8042 Graz (Austria)
Dates	01/06/2010 → present
Occupation or position held	Software engineer / Project manager
Main activities and responsibilities	Backend development with Node.js in Typescript (Nest.js) PHP (Symfony), Scala (Play) using MySQL, PostgreSQL, MongoDB and DynamoDB; Frontend development with Typescript (Angular, React); App development with SwiftUI; Systems engineering on AWS and Google Cloud Platform; Serverless, Kubernetes and Firebase deployment.
Name and address of employer	Self-employed
Dates	01/02/2009 – 31/12/2011
Occupation or position held	Member of the initiative project team

Main activities and responsibilities "Multiversum Graz - Planetarium and Science Multimedia Centre for Public Education and Entertainment"; Creation of the project proposal and business plan in German and English.

Dates 01/04/2007 – 31/12/2012

Occupation or position held Technical manager / Software developer

Main activities and responsibilities Participant in the FP6/FP7 Project "EuroPlaNet"; Task leader and technical manager for RTD activities at the Space Research Institute; Design and implementation of custom websites and SOAP services with PHP and MySQL as well as informational websites with Typo3.

Name and address of employer Space Research Institute - Austrian Academy of Sciences, Schmiedlstraße 6, 8042 Graz (Austria)

Education and training

Dates 01/09/2010 – 10/07/2012 and 01/09/2012 – 05/02/2014

Title of qualification rewarded Bachelor of Science in Engineering (BSc.) and Master of Science in Engineering (MSc.)

Principal subjects / occupational skills covered Studies in software development and design, business administration, project and marketing management, service engineering, computer networks, applied mathematics and physics.

Name and type of organisation providing education and training FH Campus02 (University of Applied Sciences), Körblergasse 126, 8021 Graz (Austria)

Dates 01/10/2003 – 01/07/2010

Principal subjects / occupational skills covered Studies in all fields of mathematics, software development, electronics and theoretical informatics.

Name and type of organisation providing education and training Technische Universität Graz (Technical University), Rechbauerstraße 12, 8010 Graz (Austria)

Personal skills and competences

Mother tongue

German

Other languages

Self-assessment

English

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user

Common European Framework of Reference (CEF) level

Social skills and competences Excellent team spirit since my work was always organized in international teams; Good ability to adapt to multicultural environments, gained through my work experience abroad; Excellent communication skills gained through various international conferences, workshops and as agile master.

Organisational skills and competences Trained in leadership, coordinating projects in small working groups, task distribution, monitoring and team meetings; A good sense of organisation since I had plenty of cross-functional responsibilities in my previous positions; Excellent experience in project development and management.

Technical skills and competences Advanced knowledge in theoretical informatics; Basic knowledge in mechanics, electronics and space physics.

Computer skills and competences Extensive knowledge in object-oriented software design, requirements engineering, test-driven and agile software development; Extensive knowledge in software architectures, databases, web services, version control systems; Advanced knowledge in cloud environments, Linux system administration, continuous integration and deployment.

Artistic skills and competences Advanced knowledge in analogue and digital photography, image editing and composition; Creator of the the-escalated-publisher.at analogue photography log.

Driving licences A1, A, B, B1, BE

Additional information

List of all references: floriantopf.com/docs